

ABSTRACT

Systems and methods for ultrasonic imaging of a jaw and coupling cushions suited for use in the mouth. The system includes a specially  
5 configured ultrasonic probe, a position locator module for defining a probe location and transmitting the definition to a central processing unit (CPU) and the CPU. The CPU is capable of receiving digital data from transducers in the probe and receiving the location of the probe and producing an image of at least a portion of a jaw. The method includes providing the ultrasonic probe,  
10 defining its location and communicating the location to a CPU and transmitting an signal from a transducer and receiving at least a portion of the signal at at least one of the transducers. The CPU receives transducer data and a location of the probe and produces an image of the at least a portion of the jaw. An ultrasonic coupling cushion is further disclosed.